

IN THE CLAIMS

Please amend the claims as follows:

1 2. (amended) The method of claim 1, further comprising performing said calculating
2 according to
3

X\ 4 $r_1 = \frac{|d|}{|S_1|} |S_2| \langle$
 $\rangle |S_1| \langle - \rangle |S_2| \langle$

5 wherein there stands:

6 r_1 : for a shorter distance of the at least two distances from the at least two locations to an
7 acoustical signal source

8 $|d|$: a magnitude of the difference of the distances between said at least two locations and
9 said acoustical signal source

10 $|S_1|$: representing a first acoustical signal as registered at said one of said at least two
11 locations with said shorter distance from said acoustical signal source, taken its
12 absolute value and averaged over a predetermined amount of time T

13 $|S_2|$: representing a second acoustical signal as registered at the second location with a
14 larger distance from said acoustical signal source, taken its absolute value and
15 averaged over the predetermined amount of time T.

1 3. (amended) The method of claim 1 or 2, wherein said amplitude filtering is
2 performed by means of at least one band-pass amplitude filtering, passing amplitude values
3 within a predetermined amplitude band.

1 4. (amended) The method of claim 1, thereby generating said signal dependent from
2 said first electric signals by weighing said first electric signals in dependency under which
3 spatial angle the respective acoustical signals impinge at said at least two reception locations.

1 5. (amended) The method of claim 1, further comprising the step of performing said
2 amplitude filtering with an adjustable filter characteristic.

1 6. (amended) The method of claim 1, further comprising the step of performing said
2 registering with at least two microphones of a hearing aid apparatus and/or by at least two
3 microphones, each one of the microphones of a binaural hearing aid system.

1 7. (amended) The method of claim 1, further comprising the step of generating said
2 first electric signals as digital signals.

1 12. (amended) The system of claim 9, wherein said amplitude filter unit has a band-
2 pass characteristic.

X2
1 13. (amended) The system of claim 9, the amplitude transfer characteristic of said
2 amplitude filter being adjustable.

1 14. (amended) The system of claim 9, wherein said at least two outputs of said
2 converters are operationally connected to a beam former unit, an output of said beam former
3 unit being operationally connected to said second input of said weighing unit.

1 15. (amended) The system of claim 9, wherein an output of said weighing unit being
2 frequency domain to time domain converted and digital to analogue converted, the output
3 signal of said conversion being operationally connected to an electrical to mechanical
4 transducer of at least one hearing aid apparatus.